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<110> Grey, Howard  
Sette, Alessandro  
Sidney, John

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<141> 1994-12-02

<150> 08/159,184

<151> 1993-11-29

<150> 08/073,205

<151> 1993-06-04

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<151> 1993-03-05

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<213> Homo Sapiens

<220>

<221> VARIANT

<222> 3, 4, 5, 7, 8

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> 1

<223> Xaa = Tyr, Phe, Trp

<221> VARIANT

<222> 2

<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT

<222> 6

<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met, Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

<222> 9

<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 367

Xaa  
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<210> 368

<211> 9

<212> PRT

<213> Homo Sapiens

<220>

<221> VARIANT

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Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> 3  
<223> Xaa = Tyr, Phe, Trp

<221> VARIANT  
<222> 9  
<223> Xaa = Ala, Met

<400> 368  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 369  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<220>  
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Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

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<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> 3  
<223> Xaa = Tyr, Phe, Trp

<221> VARIANT  
<222> 9  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 369  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 370  
<211> 9  
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<213> Homo Sapiens

<220>  
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<221> VARIANT  
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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> 3  
<223> Xaa = Tyr, Phe, Trp

<221> VARIANT  
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<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro,  
Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
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<223> Xaa = Ala, Met

<400> 370  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 371  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
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<221> VARIANT  
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<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Tyr, Phe, Trp

<221> VARIANT  
<222> (4)...(6)  
<223> Xaa = Any Amino Acid

<221> VARIANT

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<222> (7) ... (7)
<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro,
      Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (8) ... (8)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9) ... (9)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 371
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1          5

<210> 372
<211> 9
<212> PRT
<213> Homo Sapiens

<221> VARIANT
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<221> VARIANT
<222> (2) ... (2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
<222> (3) ... (3)
<223> Xaa = Tyr, Phe, Trp

<221> VARIANT
<222> (4) ... (5)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (6) ... (6)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,
      Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (7) ... (8)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9) ... (9)
<223> Xaa = Ala, Met

<400> 372
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa
  1          5

<210> 373
<211> 9
<212> PRT

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<213> Homo Sapiens

<221> VARIANT  
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<221> VARIANT  
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<223> Xaa = Tyr, Phe, Trp

<221> VARIANT  
<222> (4)...(5)  
<223> Xaa = Any Amino Acid

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<221> VARIANT  
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<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 373  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 374  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
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<221> VARIANT  
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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
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<221> VARIANT  
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<223> Xaa = Tyr, Phe, Trp

<221> VARIANT  
<222> (6)...(8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Ala, Met

<400> 374  
Xaa Ile Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 375  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
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Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
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<221> VARIANT  
<222> (3)...(4)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5)...(5)  
<223> Xaa = Tyr, Phe, Trp

<221> VARIANT  
<222> (6)...(8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 375  
Xaa Ile Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 376  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
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<221> VARIANT  
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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT

<222> (3)...(3)

<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

<222> (4)...(4)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (5)...(5)

<223> Xaa = Tyr, Phe, Trp

<221> VARIANT

<222> (6)...(8)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (9)...(9)

<223> Xaa = Ala, Met

<400> 376

Xaa	Val	Xaa						
1								5

<210> 377

<211> 9

<212> PRT

<213> Homo Sapiens

<221> VARIANT

<222> (1)...(1)

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<222> (2)...(2)

<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT

<222> (3)...(3)

<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

<222> (4)...(4)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (5)...(5)

<223> Xaa = Tyr, Phe, Trp

<221> VARIANT

<222> (6)...(8)

<223> Xaa = Any Amino Acid

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<221> VARIANT
<222> (9) ... (9)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 377
Xaa Ile Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 378
<211> 9
<212> PRT
<213> Homo Sapiens

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2) ... (2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
<222> (3) ... (4)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (5) ... (5)
<223> Xaa = Tyr, Phe, Trp

<221> VARIANT
<222> (6) ... (6)
<223> Xaa = Any Amino Acid

<221> VARIANT
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      Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9) ... (9)
<223> Xaa = Ala, Met

<400> 378
Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 379
<211> 9
<212> PRT
<213> Homo Sapiens

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (2) ... (2)

<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT

<222> (3) ... (4)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (5) ... (5)

<223> Xaa = Tyr, Phe, Trp

<221> VARIANT

<222> (6) ... (6)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (7) ... (7)

<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

<222> (8) ... (8)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (9) ... (9)

<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 379

Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

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<210> 380

<211> 9

<212> PRT

<213> Homo Sapiens

<221> VARIANT

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<223> Xaa = Any Amino Acid

<221> VARIANT

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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT

<222> (3) ... (4)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (5) ... (5)

<223> Xaa = Tyr, Phe, Trp

<221> VARIANT

<222> (6) ... (6)  
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Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
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<221> VARIANT  
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<223> Xaa = Ala, Met

<400> 380  
Xaa Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 381  
<211> 9  
<212> PRT  
<213> Homo Sapiens

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<221> VARIANT  
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<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3) ... (4)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5) ... (5)  
<223> Xaa = Tyr, Phe, Trp

<221> VARIANT  
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<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (7) ... (8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9) ... (9)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 381  
Xaa Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 382  
<211> 9  
<212> PRT

<213> Homo Sapiens

<221> VARIANT  
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Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
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<221> VARIANT  
<222> (3) ... (3)  
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<221> VARIANT  
<222> (4) ... (4)  
<223> Xaa = Ser, Thr, Cys

<221> VARIANT  
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<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9) ... (9)  
<223> Xaa = Ala, Met

<400> 382  
Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Met  
1 5

<210> 383  
<211> 9  
<212> PRT  
<213> Homo Sapiens

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Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

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<221> VARIANT  
<222> (3) ... (3)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
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<223> Xaa = Ser, Thr, Cys

<221> VARIANT  
<222> (5) ... (8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9) ... (9)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 383  
Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 384  
<211> 9  
<212> PRT  
<213> Homo Sapiens

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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
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Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
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<223> Xaa = Ser, Thr, Cys

<221> VARIANT  
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<221> VARIANT  
<222> (9) ... (9)  
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<400> 384  
Xaa Met Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
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<210> 385  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
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<221> VARIANT  
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<221> VARIANT  
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Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

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<221> VARIANT  
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<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9) ... (9)  
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Xaa Met Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 386  
<211> 9  
<212> PRT  
<213> Homo Sapiens

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<221> VARIANT  
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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3) ... (3)  
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<223> Xaa = Ser, Thr, Cys

<221> VARIANT  
<222> (5) ... (6)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
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Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
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<221> VARIANT  
<222> (9) ... (9)  
<223> Xaa = Ala, Met

<400> 386  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 387  
<211> 9  
<212> PRT  
<213> Homo Sapiens

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<221> VARIANT  
<222> (3)...(6)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
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<221> VARIANT  
<222> (5)...(6)  
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Gln, Ser, Thr, Val, Trp, Tyr

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<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 387  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 388  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
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<221> VARIANT  
<222> (2)...(2)

<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT

<222> (3)...(3)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (4)...(4)

<223> Xaa = Ser, Thr, Cys

<221> VARIANT

<222> (5)...(5)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (6)...(6)

<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met, Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

<222> (7)...(8)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (9)...(9)

<223> Xaa = Ala, Met

<400> 388

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

1 5

<210> 389

<211> 9

<212> PRT

<213> Homo Sapiens

<221> VARIANT

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<221> VARIANT

<222> (2)...(2)

<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT

<222> (3)...(3)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (4)...(4)

<223> Xaa = Ser, Thr, Cys

<221> VARIANT

<222> (5)...(5)

<223> Xaa = Any Amino Acid

<221> VARIANT

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<222> (6) ... (6)
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<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9) ... (9)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 389
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5

<210> 390
<211> 9
<212> PRT
<213> Homo Sapiens

<221> VARIANT
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      Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
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<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9) ... (9)
<223> Xaa = Ala, Met

<400> 390
Xaa Xaa Xaa Xaa Xaa Xaa Ala Xaa Xaa
  1           5

<210> 391
<211> 9
<212> PRT
<213> Homo Sapiens

<221> VARIANT
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<221> VARIANT

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<221> VARIANT  
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<222> (8) . . . (8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
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<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 391  
Xaa Xaa Xaa Xaa Xaa Xaa Ala Xaa Xaa  
1 5

<210> 392  
<211> 9  
<212> PRT  
<213> Homo Sapiens

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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
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Gln, Ser, Thr, Val, Trp, Tyr

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<221> VARIANT  
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<221> VARIANT  
<222> (9) . . . (9)  
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Xaa Xaa Xaa Xaa Xaa Xaa Ala Xaa Xaa  
1 5

<210> 393  
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<212> PRT  
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Gln, Ser, Thr, Val, Trp, Tyr

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<221> VARIANT  
<222> (8)...(8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 393  
Xaa Xaa Xaa Xaa Xaa Xaa Ala Xaa Xaa  
1 5

<210> 394  
<211> 9  
<212> PRT  
<213> Homo Sapiens

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<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
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<221> VARIANT  
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Xaa Xaa Xaa Xaa Xaa Xaa Ala Xaa Xaa  
1 5

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<211> 9
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<221> VARIANT
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<212> PRT
<213> Homo Sapiens

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<221> VARIANT
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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Any Amino Acid

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

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1 5 10

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<222> (3)...(9)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (10)...(10)

<223> Xaa = Leu, Val, Ile, Ala, Met

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10

<210> 398

<211> 10

<212> PRT

<213> Homo Sapiens

<221> VARIANT

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<222> (2)...(2)

<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT

<222> (3)...(3)

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<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (10)...(10)

<223> Xaa = Ala, Met

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10

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<221> VARIANT  
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<223> Xaa = Leu, Val, Ile, Ala, Met

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Xaa  
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<211> 10  
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<221> VARIANT  
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<221> VARIANT
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<223> Xaa = Ala, Met

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<211> 10
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<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
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<221> VARIANT
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<221> VARIANT
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<223> Xaa = Leu, Val, Ile, Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 402
<211> 10
<212> PRT
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<221> VARIANT
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<221> VARIANT
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<221> VARIANT
<222> (10)...(10)
<223> Xaa = Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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<211> 10
<212> PRT
<213> Homo Sapiens

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<221> VARIANT
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<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
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      Leu, Met, Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 403
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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<210> 404
<211> 10
<212> PRT
<213> Homo Sapiens

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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Any Amino Acid

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<221> VARIANT
<222> (10)...(10)
<223> Xaa = Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5           10

<210> 405
<211> 10
<212> PRT
<213> Homo Sapiens

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<221> VARIANT
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<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
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<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,
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<222> (10) ... (10)
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1 5 10

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<211> 10
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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
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<221> VARIANT
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<221> VARIANT
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<223> Xaa = Ala, Met

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<210> 407
<211> 10
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<221> VARIANT
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<223> Xaa = Ile, Val, Ala, Thr

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<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10) ... (10)
<223> Xaa = Leu, Val, Ile, Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5           10

<210> 408
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<213> Homo Sapiens

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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
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  1           5           10

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<212> PRT
<213> Homo Sapiens

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<221> VARIANT
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<221> VARIANT
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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<221> VARIANT
<222> (2)...(2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Ala, Met

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<221> VARIANT
<222> (2)...(2)

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<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Leu, Val, Ile, Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 412
<211> 10
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<221> VARIANT
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<223> Xaa = Leu, Met, Ile, Val, Ala, Trp

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<221> VARIANT
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<223> Xaa = Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

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<211> 10
<212> PRT
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<221> VARIANT
<222> (10)...(10)
<223> Xaa = Leu, Val, Ile, Ala, Met

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  1           5           10

<210> 414
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<212> PRT
<213> Homo Sapiens

<221> VARIANT
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<221> VARIANT
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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Any Amino Acid

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<221> VARIANT
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<221> VARIANT
<222> (10)...(10)
<223> Xaa = Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5           10

<210> 415
<211> 10
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<213> Homo Sapiens

<221> VARIANT

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<223> Xaa = Any Amino Acid

<221> VARIANT
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<223> Xaa = Leu, Val, Ile, Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5           10

<210> 416
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<221> VARIANT
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<223> Xaa = Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

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<223> Xaa = Any Amino Acid

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<223> Xaa = Any Amino Acid

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<223> Xaa = Leu, Val, Ile, Ala, Met

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1 5 10

<210> 418
<211> 10
<212> PRT
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<221> VARIANT

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<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
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    1           5           10

<210> 419
<211> 10
<212> PRT
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<221> VARIANT
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<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
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<221> VARIANT
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<223> Xaa = Leu, Val, Ile, Ala, Met

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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<210> 420
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
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  1           5           10

<210> 421
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Ala, Tyr, Phe, Trp

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Ile, Val, Ala, Trp

<221> VARIANT
<222> (3)...(7)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8)...(8)
<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro,
      Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Leu, Val, Ile, Ala, Met

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<400> 421
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 422
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Ala, Tyr, Phe, Trp

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
<222> (3)...(8)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,
      Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Ala, Met

<400> 422
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 423
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Ala, Tyr, Phe, Trp

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
<222> (3)...(8)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,
      Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

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<222> (10)...(10)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 423  
Xaa  
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<210> 424  
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<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
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<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,  
Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
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<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT  
<222> (4)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Ala, Met

<400> 424  
Xaa  
1 5 10

<210> 425  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
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<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,  
Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT  
<222> (4)...(9)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (10)...(10)

<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 425

Xaa  
1 5 10

<210> 426

<211> 10

<212> PRT

<213> Homo Sapiens

<221> VARIANT

<222> (1)...(1)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (2)...(2)

<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT

<222> (3)...(3)

<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT

<222> (4)...(4)

<223> Xaa = Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met, Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

<222> (5)...(9)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (10)...(10)

<223> Xaa = Ala, Met

<400> 426

Xaa  
1 5 10

<210> 427

<211> 10

<212> PRT

<213> Homo Sapiens

<221> VARIANT

<222> (1)...(1)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (2)...(2)

<223> Xaa = Ile, Val, Ala, Thr

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<221> VARIANT
<222> (3) ... (3)
<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT
<222> (4) ... (4)
<223> Xaa = Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met, Asn,
      Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (5) ... (9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10) ... (10)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 427
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5           10

<210> 428
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1) ... (1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2) ... (2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
<222> (3) ... (3)
<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT
<222> (4) ... (4)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (5) ... (5)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, His, Ile, Lys,
      Leu, Met, Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (6) ... (9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10) ... (10)
<223> Xaa = Ala, Met

<400> 428
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

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5

10

<210> 429  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT  
<222> (4)...(4)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5)...(5)  
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, His, Ile, Lys, Leu, Met, Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (6)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 429  
Xaa  
1 5 10

<210> 430  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Leu, Val, Ile, Met

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<221> VARIANT
<222> (4) ... (6)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (7) ... (7)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,
      Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (8) ... (9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10) ... (10)
<223> Xaa = Ala, Met

<400> 430
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5           10

<210> 431
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1) ... (1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2) ... (2)
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
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<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT
<222> (4) ... (6)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (7) ... (7)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,
      Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (8) ... (9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10) ... (10)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 431
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

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10

<210> 432  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT  
<222> (4)...(7)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (8)...(8)  
<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro,  
Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Ala, Met

<400> 432  
Xaa  
1 5 10

<210> 433  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT  
<222> (4)...(7)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (8)...(8)  
<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro,  
Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 433  
Xaa  
1 5 10

<210> 434  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT  
<222> (4)...(8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Ala, Met

<400> 434  
Xaa  
1 5 10

<210> 435  
<211> 10

<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Leu, Val, Ile, Met

<221> VARIANT  
<222> (4)...(8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 435  
Xaa  
1 5 10

<210> 436  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,  
Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Ala, Met

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<400> 436
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 437
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
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<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,
      Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (2) ... (2)
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
<222> (3) ... (3)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (5) ... (9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10) ... (10)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 437
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 438
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1) ... (1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2) ... (2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
<222> (3) ... (3)
<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,
      Asn, Gln, Pro, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (5) ... (9)
<223> Xaa = Any Amino Acid

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<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Ala, Met

<400> 438  
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 439  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

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<222> (2)...(2)  
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,  
Asn, Gln, Pro, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (5)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 439  
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 440  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5)...(5)

<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, His, Ile, Lys,  
Leu, Met, Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

<222> (6)...(9)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (10)...(10)

<223> Xaa = Ala, Met

<400> 440

Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 441

<211> 10

<212> PRT

<213> Homo Sapiens

<221> VARIANT

<222> (1)...(1)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (2)...(2)

<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT

<222> (3)...(3)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (5)...(5)

<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, His, Ile, Lys,  
Leu, Met, Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

<222> (6)...(9)

<223> Xaa = Any Amino Acid

<221> VARIANT

<222> (10)...(10)

<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 441

Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa

1 5 10

<210> 442

<211> 10

<212> PRT

<213> Homo Sapiens

<221> VARIANT

<222> (1)...(1)

<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5)...(6)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (7)...(7)  
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (8)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Ala, Met

<400> 442  
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 443  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5)...(6)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (7)...(7)  
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

<222> (8) . . . (9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10) . . . (10)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 443  
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 444  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1) . . . (1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2) . . . (2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3) . . . (3)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5) . . . (7)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (8) . . . (8)  
<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro,  
Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (9) . . . (9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10) . . . (10)  
<223> Xaa = Ala, Met

<400> 444  
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 445  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1) . . . (1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5)...(7)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (8)...(8)  
<223> Xaa = Ala, Cys, Phe, Gly, Ile, Leu, Met, Asn, Pro,  
Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 445  
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 446  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (5)...(8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

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<222> (10) ... (10)
<223> Xaa = Ala, Met

<400> 446
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 447
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2) ... (2)
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
<222> (3) ... (3)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (5) ... (8)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9) ... (9)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,
      Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (10) ... (10)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 447
Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 448
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1) ... (1)
<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,
      Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (2) ... (2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
<222> (3) ... (7)

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<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8)...(8)
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Ala, Met

<400> 448
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 449
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,
      Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
<222> (3)...(7)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8)...(8)
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 449
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 450
<211> 10
<212> PRT
<213> Homo Sapiens

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<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
<222> (3)...(3)
<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,
      Asn, Pro, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (4)...(7)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8)...(8)
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Ala, Met

<400> 450
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5           10

<210> 451
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
<222> (3)...(3)
<223> Xaa = Ala, Cys, Phe, Gly, His, Ile, Lys, Leu, Met,
      Asn, Pro, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (4)...(7)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8)...(8)

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<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 451
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 452
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
<222> (3)...(3)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (4)...(4)
<223> Xaa = Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met, Asn,
      Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (5)...(7)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8)...(8)
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Ala, Met

<400> 452
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 453

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<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
<222> (3)...(3)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (4)...(4)
<223> Xaa = Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met, Asn,
      Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (5)...(7)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8)...(8)
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 453
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5           10

<210> 454
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT
<222> (3)...(4)
<223> Xaa = Any Amino Acid

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<221> VARIANT
<222> (5) ... (5)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, His, Ile, Lys,
      Leu, Met, Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (6) ... (7)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8) ... (8)
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT
<222> (9) ... (9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10) ... (10)
<223> Xaa = Ala, Met

<400> 454
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
  1           5           10

<210> 455
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1) ... (1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2) ... (2)
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
<222> (3) ... (4)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (5) ... (5)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, His, Ile, Lys,
      Leu, Met, Asn, Gln, Arg, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (6) ... (7)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8) ... (8)
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT

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<222> (9) ... (9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10) ... (10)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 455  
Xaa  
1 5 10

<210> 456  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1) ... (1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2) ... (2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3) ... (6)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (7) ... (7)  
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (8) ... (8)  
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT  
<222> (9) ... (9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10) ... (10)  
<223> Xaa = Ala, Met

<400> 456  
Xaa  
1 5 10

<210> 457  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1) ... (1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(6)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (7)...(7)  
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT  
<222> (8)...(8)  
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 457  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 458  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2)...(2)  
<223> Xaa = Leu, Met, Ile, Val, Ala, Thr

<221> VARIANT  
<222> (3)...(7)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (8)...(8)  
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,  
Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT

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<222> (10)...(10)
<223> Xaa = Ala, Met

<400> 458
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 459
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (2)...(2)
<223> Xaa = Ile, Val, Ala, Thr

<221> VARIANT
<222> (3)...(7)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (8)...(8)
<223> Xaa = Tyr, Phe, Trp, Leu, Val, Ile, Met

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Ala, Cys, Asp, Glu, Phe, Gly, Ile, Leu, Met,
      Asn, Pro, Gln, Ser, Thr, Val, Trp, Tyr

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Leu, Val, Ile, Ala, Met

<400> 459
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 460
<211> 9
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (3)...(8)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Val, Ile, Ala, Met

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<400> 460
Xaa Ile Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 461
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (3)...(9)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Val, Ile, Ala, Met

<400> 461
Xaa Ile Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 462
<211> 9
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (3)...(8)
<223> Xaa = Any Amino Acid

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Leu, Val, Ile, Met

<400> 462
Xaa Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 463
<211> 10
<212> PRT
<213> Homo Sapiens

<221> VARIANT
<222> (1)...(1)
<223> Xaa = Any Amino Acid

<221> VARIANT

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<222> (3) . . . (9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10) . . . (10)  
<223> Xaa = Leu, Val, Ile, Met

<400> 463  
Xaa Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 464  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1) . . . (1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (3) . . . (8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9) . . . (9)  
<223> Xaa = Leu, Val, Met

<400> 464  
Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 465  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1) . . . (1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (3) . . . (9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10) . . . (10)  
<223> Xaa = Leu, Val, Met

<400> 465  
Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 466  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1) ... (1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (3) ... (8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9) ... (9)  
<223> Xaa = Leu, Ile, Met

<400> 466  
Xaa Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 467  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1) ... (1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (2) ... (9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10) ... (10)  
<223> Xaa = Leu, Ile, Met

<400> 467  
Xaa Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 468  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1) ... (1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (3) ... (8)  
<223> Xaa = Any Amino Acid

<400> 468  
Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Met  
1 5

<210> 469  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (3)...(9)  
<223> Xaa = Any Amino Acid

<400> 469  
Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa Met  
1 5 10

<210> 470  
<211> 9  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (3)...(8)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Ala, Met

<400> 470  
Xaa Met Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 471  
<211> 10  
<212> PRT  
<213> Homo Sapiens

<221> VARIANT  
<222> (1)...(1)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (3)...(9)  
<223> Xaa = Any Amino Acid

<221> VARIANT  
<222> (10)...(10)  
<223> Xaa = Ala, Met

<400> 471

Xaa Met Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 472  
<211> 9  
<212> PRT  
<213> Homo Sapiens

*H*  
*Conel*  
<400> 472  
Lys Val Ala Glu Leu Val His Phe Leu  
1 5